

ABSTRACT

Near-distance interconnection of cellular phone terminals, which can easily correct axis misalignment. In two cellular phone terminals (130, 140), a visible light receiver (131) and a visible light emitter (132), and a visible light receiver (141) and a visible light emitter (142) are respectively provided side by side and oriented in the same direction. The visible light emitter (132) and the visible light receiver (141) face each other, and the visible light emitter (142) and the visible light receiver (131) also face each other, allowing visible light communication between near-distant cellular phones. Since the users can see the visible light used for communication, they can check whether the two terminals are coupled without axis misalignment. The visible light receivers (131, 141) can emit sufficiently strong visible light, using lasers or super luminescent diodes (SLDs), which can generate visible light modulated by data.